

Please amend claims 1, 4, 6, 13, 48, 50 and 55 as follows. A marked-up copy of the claims is attached.

C1  
1. (Three Times Amended) A mesostructured material comprising tubular mesopores, which are oriented in a first direction and which are arranged on a polymeric surface made of a polymer compound whose chains or molecules are oriented in a second direction.

C2  
4. (Amended) The mesostructured material according to claim 1, wherein the first direction and the second direction are different from each other.

C3  
6. (Amended) The mesostructured material according to claim 1, wherein the polymeric surface is constituted of a Langmuir-Blodgett film.

C4  
13. (Three Times Amended) A mesostructured material comprising:  
a polymer material surface in which chains of the polymer material are oriented in a first direction parallel to the polymer material surface; and  
a material provided on the polymer material surface, the material having tubular mesopores,  
wherein the tubular mesopores are oriented in a second direction nearly perpendicular to the first direction, and the oriented tubular mesopores are formed on the polymer material surface with silica located outside of an oriented surfactant micelle structure of which orientation is determined by parallel accommodation of molecules of the surfactant on the chains of the polymer material through chemical interaction.

C5  
48. (Three Times Amended) A mesostructured material comprising:

C5  
C6  
C7  
C8

a polymeric surface; and  
a material provided on the polymeric surface, the material having tubular mesopores,  
wherein the tubular mesopores are oriented in a direction parallel to the surface, and the direction is determined by a direction of a rubbing treatment of the polymeric surface.

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C6

50. (Twice Amended) A mesostructured material comprising:  
a polymeric surface comprising a polymeric compound; and  
a material provided on the polymeric surface, the material having tubular mesopores,  
wherein the tubular mesopores are oriented in a direction parallel to the surface, and the direction is determined by an orientation direction of the polymeric compound's polymer chain.

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C7

55. (Twice Amended) A mesostructured material comprising:  
a polymeric surface comprising a polymeric compound; and  
a material provided on the polymeric surface, the material having mesopores,  
wherein the mesopores are oriented in a first direction parallel to the surface and the polymeric compound of the polymeric surface is oriented in a second direction.

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C8

[Kindly add new claims 60 and 61 as follows:]

60. (New) A mesostructured material having mesopores, which are oriented in a single direction and which are arranged on a polymeric surface made of a